

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L3	10	(US-20040123667-\$).did. or (US-6753780-\$ or US-6208286-\$ or US-6122537-\$ or US-6031482-\$ or US-5760687-\$ or US-5448501-\$ or US-4958638-\$ or US-6359597-\$ or US-6332087-\$).did.	US-PGPUB; USPAT	OR	ON	2007/05/23 11:47
L4	8	3 and (ecg ekg electrocardiogra\$4 elektrokardiogra\$4 heart)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/05/23 11:49
L5	4	((impedance (complex impedance)) and (physiological heart ecg ekg electrocardiogra\$4 elektrokardiogra\$4) and (oscillator illuminate electromagnetic) and (receiver reflection) and (amplitude variation) and (detector sensor) and (extract filter)).clm.	US-PGPUB; USPAT	OR	ON	2007/05/23 12:02
L6	3	((impedance (complex impedance)) and (heart ecg ekg electrocardiogra\$4 elektrokardiogra\$4) and (oscillator illuminate electromagnetic) and (receiver reflection) and (amplitude variation) and (detector sensor) and (extract filter)).clm.	US-PGPUB; USPAT	OR	ON	2007/05/23 12:02
L7	1	((impedance (complex impedance)) and (heart ecg ekg electrocardiogra\$4 elektrokardiogra\$4) and (oscillator illuminate electromagnetic) and (receiver reflection) and (amplitude variation) and (detector sensor) and (extract filter) and (time near3 domain)).clm.	US-PGPUB; USPAT	OR	ON	2007/05/23 12:02
L8	0	((impedance (complex adj impedance)) and (heart ecg ekg electrocardiogra\$4 elektrokardiogra\$4) and (oscillator illuminate electromagnetic) and (receiver reflection) and (amplitude variation) and (detector sensor) and (extract filter) and (time near3 domain)).clm.	US-PGPUB; USPAT	OR	ON	2007/05/23 12:03
L9	2	((impedance (complex adj impedance)) and (heart ecg ekg electrocardiogra\$4 elektrokardiogra\$4) and (oscillator illuminate electromagnetic) and (receiver reflection) and (amplitude variation) and (detector sensor) and (extract filter) ).clm.	US-PGPUB; USPAT	OR	ON	2007/05/23 12:09

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L10	3	((impedance (complex adj impedance)) and (heart ecg ekg electrocardiogra\$4 elektrokardiogra\$4) and (oscillator illuminate electromagnetic) and (receiver reflection) and (detector sensor) and (extract filter) ).clm.	US-PGPUB; USPAT	OR	ON	2007/05/23 12:10
L11	100	((impedance (complex adj impedance)) and (heart ecg ekg electrocardiogra\$4 elektrokardiogra\$4) and (oscillator illuminate electromagnetic) ).clm.	US-PGPUB; USPAT	OR	ON	2007/05/23 12:10
L12	1	((complex adj impedance) and (heart ecg ekg electrocardiogra\$4 elektrokardiogra\$4) and (oscillator illuminate electromagnetic) ).clm.	US-PGPUB; USPAT	OR	ON	2007/05/23 12:30
L13	1292	(600/509).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/23 12:30
S1	7	((("6122537") or ("6031482") or ("5448501") or ("6208286") or ("6753780") or ("4958638") or ("5760687"))).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/11 15:13
S2	7	((("6122537") or ("6031482") or ("5448501") or ("6208286") or ("6753780") or ("4958638") or ("5760687"))).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/11 11:38
S3	1	S2 and (complex adj (impedance impedance))	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/09/11 11:47
S4	3	S2 and microprocessor	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/09/11 11:48
S5	338311	S2 and processor microprocessor	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/09/11 11:48
S6	6	S2 and (processor microprocessor)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/09/11 11:52
S7	1	S2 and (ecg ekg electrocardiogram elektrokardiogram)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/09/11 11:56

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S8	1	S2 and (ecg ekg electrocardiogra\$4 electrokardiogra\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/05/23 11:47
S9	7	("4958638" "5448501" "5760687" "60 31482" "6122537" "6208286" "675378 0").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/09/11 14:59
S10	1	("6359597").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/09/11 14:59
S11	24	("20020028991" "20040019261" "503 0956" "5105354" "5226425" "5227797 " "5448501" "5760687" "5931791" "60 11477" "6031482" "6062216" "608317 2" "6122537" "6129675" "6132371" "6 208286" "6254551" "6289238" "63157 19" "6325761" "6434411" "6454708" " 6478744").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/09/11 14:59
S12	27	S9 S10 S11	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/09/11 15:26
S13	1161	(600/509).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/11 15:15
S14	1574596	detector detection	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/09/11 15:15
S15	337623	impedance	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/09/11 15:15
S16	3118	complex adj impedance	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/09/11 15:15
S17	302925	oscillator	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/09/11 15:15
S18	831726	electromagnetic EM	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/09/11 15:16

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S19	647032	receiver	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/09/11 15:16
S20	288797	antenna	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/09/11 15:16
S21	597	S16 and S20	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/09/11 15:16
S22	347	S21 and S18	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/09/11 15:16
S23	177	S22 and S14	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/09/11 15:16
S24	185035	heart	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/09/11 15:16
S25	21	S23 and S24	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/09/11 15:17
S26	27018	ecg ekg electrocardiogra\$5 electrokardiogra\$5	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/09/11 15:17
S27	10	S25 and S26	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/09/11 15:18
S28	8	S27 and filter	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/09/11 15:17
S29	10	(US-20040123667-\$).did. or (US-4958638-\$ or US-6208286-\$ or US-5448501-\$ or US-5760687-\$ or US-6031482-\$ or US-6122537-\$ or US-6332087-\$ or US-6359597-\$ or US-6753780-\$).did.	US-PGPUB; USPAT	OR	ON	2007/02/01 12:30
S30	9	S29 and (impedance (time adj domain) amplitude)	US-PGPUB; USPAT	OR	ON	2007/02/01 12:35

## EAST Search History

S31	6	S29 and ((impedance (time adj domain) amplitude) same (heart cardiac pulse))	US-PGPUB; USPAT	OR	ON	2007/02/01 12:35
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